The seal of Marshall University Joan C. Edwards School of Medicine is a circular emblem. It features a central green caduceus (a staff with two snakes entwined and wings at the top) superimposed on a large, stylized green letter 'M'. The emblem is surrounded by a grey border containing the text 'MARSHALL UNIVERSITY' at the top and 'JOAN C. EDWARDS SCHOOL OF MEDICINE' at the bottom, separated by small dots.

# **West Virginia School Based Oral Health Update for 2011**

BJ Muto

August 9<sup>th</sup>, 2011

2011 Back to School Workshop

Flatwoods, WV

# What a year!

- ARC/Benedum School-Community Partnership Grants
- Statewide Oral Health Surveillance
- Completion and Implementation of First Ever State Dental Plan
- Increase in Medicaid Dental Fees
- New State Dental Director
- Development of WV Oral Health Coalition
- Implementation of Many Projects & Programs
- Pew Report Card Grade Improvement from F to a C

# Statewide School Oral Health Surveillance

- First time WV has been able to provide a snapshot of the state
- Random Sampling of Kindergarten and Third Grades
- Calibrated Dental Professionals



# Findings Overview

- 24 Schools
- 15 Counties
- 1,093 Students



338 (30.7%) had experiences caries (Tooth Decay)

205 (18.8%) had active tooth decay

28 (2.6%) needed urgent treatment

130 (29%) out of 449 Third Graders Had Sealants

# Kindergarten Results

Untreated Decay-19.9%  
Caries Experience-23.1%  
Treatment Urgency  
    Early Care- 17.2%  
    Urgent Care-2.3%



# Third Grade

Untreated Decay- 17.1%

Caries Experience – 42.1%

Sealant Present- 29.0%

Treatment Urgency

Early Care- 14.5%

Urgent Care-2.9%



# ARC/Benedum School-Community Partnership Program Components

Education



Screening



Sealants



#1 Goal  
DENTAL  
HOME



# Dental Home

## Definition-

“...ongoing relationship between the dentist who is the primary dental care provider and the patient, which includes comprehensive oral health care....”<sup>1</sup>

“...ongoing relationship between the dentist and the patient, inclusive of all aspects of oral health care delivered in a comprehensive, continuously accessible, coordinated, and family- centered way.”<sup>2</sup>

*1 American Dental Association*

*2 American Academy of Pediatric Dentistry*





# Program Comparison

## ARC/Benedum

- Invasive Assessment
- Targeted Population  
(those without a dental home)
- Follow-up/care coordination required
- Full preventative services offered
- Community Partnerships Established
- Support of Local Dentist
- Data collected- individual/aggregate annual reports

## Statewide Surveillance

- Visual Inspection
- Random Stratified Sampling
- One time, Anonymous visit  
(urgent findings were referred at point in time to school staff)
- No Services provided
- Basic Screening and Surveillance Tool Protocol as developed by ASTDD/CDC
- Data reported to CDC

# ARC/Benedum School-Community Partnership Grants

## 2009-2011

Two Rounds of Funding

Total 17 grantees

Over 1,100 Children Seen

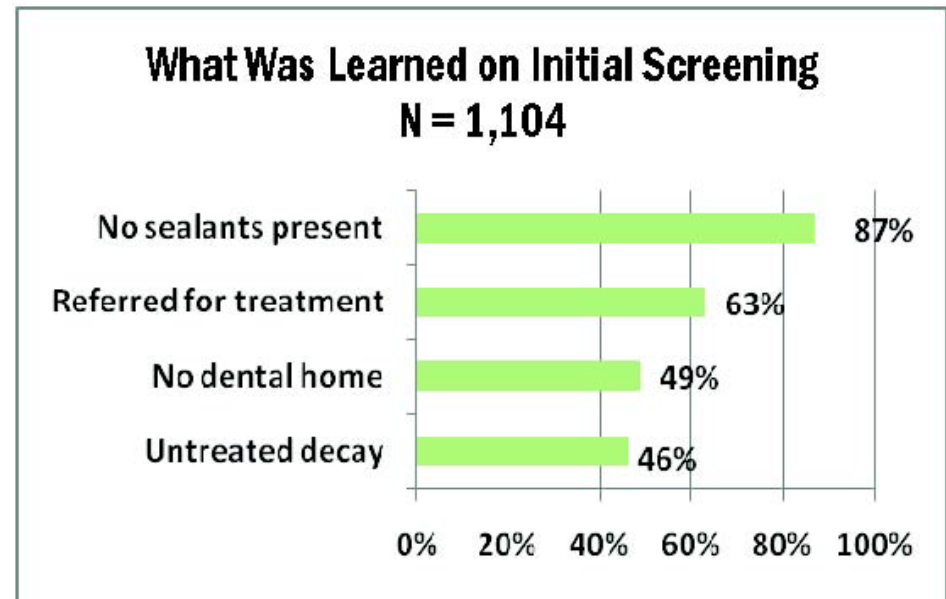
Wide Range of Lead Agencies

- FQHC's , CHC's, Health Departments, Board of Educations

Those who reported insurance coverage-56% were covered by Medicaid, 4% were covered by WV CHIP

## 2011- Benedum

- New Cycle of Funding Announced



# A Sneak Peek

- Almost 5000 visits documented
- Website updated to become a more comprehensive record (to reflect benefits of additional funding-restorative services)
- Data reporting feature to assure quality control and self reporting
- Watch for year two report in the coming months!!!!

# 2011 Grantees

Boone Family Care Health Center\*

Valley Health Systems

Doddridge-Ritchie Regional Health  
Center\*

New River Health Association\*

Greenbrier County BOE

Cabin Creek Health Systems

Kanawha Dental Health Council\*

Lincoln Primary Care Center\*

Roane County Family Health Care

Mid-Ohio Valley Health Department\*

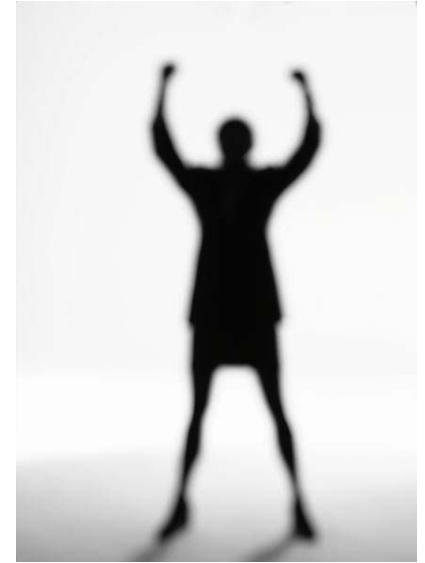
\* Second round grantees





# Successful School Oral Health Program

- Target High Risk Students
- Community Support
- Collaborative Effort
- Communication
- Encourage Stakeholder Involvement
- Obtaining funding through a variety of sources
- Be capable of demonstrating benefits/outcomes



# Successful Program Continued....

- Integrate Medical and Dental Care within the SBHC
- Provide Oral Health Education to children, families, and community
- Provide Oral Health Education to children, families, and community
- Develop and implement a preventative model
- Be noninvasive to the school system
- Build trust with all partners

# Looking Ahead

- Restructuring of the Oral Health Educator Program
- Expansion of School-Community Sealant Projects
- Fluoride Rinse Program Redesign
- Incorporation of Oral Health into health focused activities, services, and curriculum
- Non-dental health professionals fluoride varnish
- Adult Programs
- Full Time Dental Director



# Walk Away Thoughts

## *Oral Health Matters*



*Don't be afraid to go after funding or write  
a grant yourself!*

*(with approval of course)*

*"If you keep doing today what you did yesterday, you  
will only have tomorrow what you have today"*

*- Bill O'Dell*

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